

## Certificate of Analysis

Date of Testing: 2025-03-26 13:42:27

Date of Next Testing: 2029-03-25 13:42:27

Product Name: **Sodium phosphate dibasic dodecahydrate**

CAS Number: 10039-32-4

Specifications & Purity: GR, ≥99%

Lot #: C2519057

SKU #: **S112623**

Version: **1**

Analysis #: **454274**

Storage Temperature: Protected from light, Cool

| Parameter                                                  | Limit Values                     | Result                           |
|------------------------------------------------------------|----------------------------------|----------------------------------|
| Iron(Fe)                                                   | 0-5 (ppm)                        | 0.00 ppm                         |
| (As)Arsenic                                                | 0-0.5 (ppm)                      | 0.00 ppm                         |
| Insoluble matter in H2O                                    | 0-0.005 (%)                      | 0.00 %                           |
| Sulfate(SO42-)                                             | 0-50 (ppm)                       | 0.00 ppm                         |
| Chloride (Cl-)                                             | 0-5 (ppm)                        | 4.43 ppm                         |
| PH                                                         | 9-9.3                            | 9.16                             |
| Heavy metal (as Pb)                                        | 0-5 (ppm)                        | 0.00 ppm                         |
| Nitrogen compounds(as N)                                   | 0-0.001 (%)                      | 0.00000 %                        |
| Assay                                                      | 98.5-101.5 (%)                   | 101.48 %                         |
| Potassium(K)                                               | 0-50 (ppm)                       | 47.70 ppm                        |
| Appearance (S112623)                                       | colorless to white crystal solid | colorless to white crystal solid |
| Solubility in H2O , Colorless Clear, 0.5 g to 10 ml of H2O | pass                             | Pass                             |
| X-Ray Diffraction                                          | Conforms to Structure            | Conforms to Structure            |



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